

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
) Group Art Unit: TBA
Ching-Hsiang Hsu)
) Examiner: TBA
Serial No.: TBA)
)
Filed: March 25, 2004)
)
For: NOVEL MICROORGANISM STRAIN GM-080 OF)
LACTOBACILLUS PARACASEI AND ITS USE)
FOR TREATING ALLERGY RELATED DISEASES) Docket No. 001409.00012

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Submitted herewith is two (2) sheets of Form PTO-1449 and a copy of each of the documents listed therein. It is respectfully requested that the Examiner make his/her consideration of each of these documents formally of record.

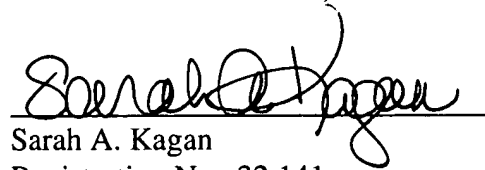
Since this Information Disclosure Statement is being filed contemporaneously with the application, it is submitted that no fee or certification is required. However, if a fee is required, please charge our deposit account no. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Dated: March 25, 2004

By:


Sarah A. Kagan

Registration No. 32,141

Banner & Witcoff, Ltd.
Customer No. 22907

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	TBA
Filing Date	March 25, 2004
First Named Inventor	Ching-Hsiang HSU
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	001409.00012

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-6,225,332			
		US- 2002/0031503 A1			
		US- 5,556,785			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 3

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Examiner Name	TBA
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Blease et al. "Chemokines and their role in airway hyper-reactivity." <i>Respir Res</i> 2000;1:54-61	
		Sarenava T et al. "Influenza A virus-induced IFN- α and IL-18 synergistically enhance IFN- α gene expression in human T cells." <i>J Immunol</i> 1998; 160:6032-6038	
		Shida K et al. "Lactobacillus casei inhibits antigen-induced IgE secretion through regulation of cytokine production in murine splenocyte cultures." <i>Int Arch Allergy Immunol</i> 1998;115:278-287	
		Contractor NV et al. "Lymphoid hyperplasia, autoimmunity and compromised intestinal intraepithelial lymphocyte development in colitis-free gnotobiotic IL-2-deficient mice." <i>J Immunol</i> 1998; 160:385-394	
		Hessle et al. "Lactobacilli from human gastrointestinal mucosa are strong stimulators of IL-12 production." <i>Clin Exp Immunol</i> 1999; 116:276-282	
		Gardiner, G. et al. "Development of a probiotic cheddar cheese containing human-derived Lactobacillus paracasei strains." <i>Appl Environ Microbiol.</i> 1998; 64: 2192-2199	
		Angelis, M. et al. "Characterization of non-starter lactic acid bacteria from Italian ewe cheeses based on phenotypic, genotypic, and cell wall protein analyses." <i>Appl Environ Microbiol.</i> 2001; 67: 2011-2020	
		Atanassova, M. et al. "Isolation and partial biochemical characterization of a proteinaceous anti-bacteria and anti-yeast compound produced by <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> strain M3." <i>Int. J. Food Microbiol.</i> 2003; 87: 63-73	
		Ocaña, V. S. et al. "Growth inhibition of <i>Staphylococcus aureus</i> by H ₂ O ₂ -producing <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> isolated from the human vagina." <i>FEMS Immunol. Med. Microbiol.</i> 1999; 23: 87-92	
		Sookkhee S. et al. "Lactic acid bacterial from healthy oral cavity of Thai volunteers: inhibition of oral pathogens." <i>Journal of Applied Microbiology</i> 2001; 90:172-179	
		Ward, L.J.H. and Timmins, M.J. (1999) "Differentiation of <i>Lactobacillus casei</i> , <i>Lactobacillus paracasei</i> and <i>Lactobacillus rhamnosus</i> by polymerase chain reaction." <i>Lett. Appl. Microbiol.</i> 29: 90-92	

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		Caridi, A. "Selection of <i>Escherichia coli</i> -inhibiting strains of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> ." <i>Journal of Industrial Microbiology & Biotechnology</i> 2002; 29: 303-308	
		Jacobsen, C. N. et al., "Screening of probiotic activities of forty-seven strains of <i>Lactobacillus</i> spp. by in vitro techniques and evaluation of the colonization ability of five selected strains in human." <i>Appl. Environ. Microbiol.</i> 1999; 65: 4949-4956	

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